

```

US-10-203-708-16
RESULT 1
/ Sequence 16, Application US/10203708
/ Publication No. US20030149238A1
/ GENERAL INFORMATION:
/ APPLICANT: SMITHKLINE BEECHAM CORPORATION
/ APPLICANT: SMITHKLINE BEECHAM P.L.C.
/ TITLE OF INVENTION: NOVEL COMPOUNDS
/ FILER REFERENCE: GP50013
/ CURRENT APPLICATION NUMBER: US/10/203,708
/ CURRENT FILING DATE: 2002-08-13
/ PRIOR APPLICATION NUMBER: PCT/US01/04703
/ PRIOR FILING DATE: 2001-02-14
/ PRIOR APPLICATION NUMBER: 60/182,172
/ PRIOR FILING DATE: 2000-02-14
/ PRIOR APPLICATION NUMBER: 60/186,084
/ PRIOR FILING DATE: 2000-02-29
/ NUMBER OF SEQ ID NOS: 46
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 16
/ LENGTH: 1224
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-203-708-16

Query Match          6.1%; Score 54.4; DB 14; Length 1224;
Best Local Similarity 54.5%; Pred. No. 0.00034;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0

513 GAGGAAGCTCGAATCAAGCGGCAATTCAAACAGCTTCGTGTGGAGATGTTGGCGAGAG 572
Db 193 GACCGGGGCTCAAGCGCTCGAGAGCAAGCAAGAGCGCTCAGGAAGGTGTGTGTTCGCGAG 252

QY 573 TGTTTAAGAAGTGAATCATATACATACCGAGTACAGTCTGGCTTACGACAGAGATCTGTGG 632
Db 253 TGTGGCGAGATGTGCTCTTTATCCAGAGTGCAGTGCCTACTTACACTGGGGTACTGTCTG3 312
QY 633 TGGCTGCATGAAGAGAGGGGTAAAGTACAGAGTTCGATGTCGATTTAAAGCCCCACA 692

```

Db 313 TGTGTACCCCGATGGAGAGCCCATCATGTGCTCTTGTGTGAGAAATTAACCTCTGTGA 372
693 TGCTAAGAAAAACACAGTGA 712
QY 373 TGTTCAGGTTCAGTACCGA 392

RESULT 2
US-10-203-708-17
; Sequence 17, Application US/10203708
; Publication No. US20030149238A1
; GENERAL INFORMATION:
; APPLICANT: SMITHKLINE BEECHAM CORPORATION
; APPLICANT: SMITHKLINE BEECHAM P.L.C.
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50013
; CURRENT APPLICATION NUMBER: US/10/203,708
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: PCT/US01/04703
; PRIOR FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 60/182,172
; PRIOR FILING DATE: 2000-02-14
; PRIOR APPLICATION NUMBER: 60/186,084
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 17
; LENGTH: 1305
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-203-708-17

Query Match 6.1%; Score 54.4; DB 14; Length 1305;
Best Local Similarity 54.5%; Pred. No. 0.00035;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGGCGCATTCACAAGAGTCTGTGTGAGATGTTCTGCCAAG 572
271 GAGCGGCTCAAGCCCTGAGAGCAAGCCCAAGAGGCTGTGTGTTGCTCCAG 330
QY 573 TGTTAAGATGATCATATATACCCATGATGCTGCGCCACAGGATCTGTTGG 632
331 TGTGGCGAGATGCTCTTACCCAGATGATGCTCATCTTACACTGGGTACGTGG 390
QY 633 TCGTCGATGAGAGGAGGGTAAAGGTACAGGTTCCGATGTCAGATTAAAGCCGCCA 692
391 TGTGTACCCCGATGGAGAGCCCATCATGTGCTCTTGTGTGAGAAATTAACCTCTGTGA 450
Db 693 TGCTAAGAAAAACACAGTGA 712
QY 451 TGTTCAGGTTCAGTACCGA 470
Db

RESULT 3
US-10-257-174-24
; Sequence 24, Application US/10257174
; Publication No. US20040034194A1
; GENERAL INFORMATION:
; APPLICANT: Agarwal, Pankaj
; APPLICANT: Murdoch, Paul R.
; APPLICANT: Riazvi, Saita K.
; APPLICANT: Smith, Randall F.
; APPLICANT: Xiang, Zhaoying
; TITLE OF INVENTION: NOVEL COMPOUNDS
; FILE REFERENCE: GP50022
; CURRENT APPLICATION NUMBER: US/10/257,174
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: PCT/US01/11797
; PRIOR FILING DATE: 2001-04-11
; PRIOR APPLICATION NUMBER: 60/196,603
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 60/199,417

; PRIOR FILING DATE: 2000-04-24
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 24
; LENGTH: 1326
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-257-174-24

Query Match 6.1%; Score 54.4; DB 12; Length 1326;
Best Local Similarity 54.5%; Pred. No. 0.00035;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGGCGCATTCACAAGAGTCTGTGTGAGATGTTCTGCCAAG 572
292 GAGCGGCTCAAGCCCTGAGAGCAAGCCCAAGAGGCTGTGTGTTGCCAAG 351
QY 573 TGTTAAGATGATCATATATACCCATGATGCTGCGCCACAGGATCTGTTGG 632
352 TGTGGCGAGATGCTCTTACCCAGATGATGCTCATCTTACACTGGGTACGTGG 411
QY 633 TCGTCGATGAGAGGAGGGTAAAGGTACAGGTTCCGATGTCAGATTAAAGCCGCCA 692
412 TGTGTACCCCGATGGAGAGCCCATCATGTGCTCTTGTGTGAGAAATTAACCTCTGTGA 471
Db 693 TGCTAAGAAAAACACAGTGA 712
QY 472 TGTTCAGGTTCAGTACCGA 491
Db

RESULT 4
US-10-120-988-262
; Sequence 262, Application US/10120988
; Publication No. US20030219745A1
; GENERAL INFORMATION:
; APPLICANT: Tang, Y. Tom
; APPLICANT: Goodrich, Ryle
; APPLICANT: Liu, Chenghua
; APPLICANT: Ren, Feiyun
; APPLICANT: Wang, Duntui
; APPLICANT: Dimauc, Radoje T.
; TITLE OF INVENTION: No. US20030219745A1el Nucleic Acids and
; FILE REFERENCE: 802CON Polypeptides
; CURRENT APPLICATION NUMBER: US/10/120,988
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 09/774,528
; PRIOR FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 441
; SOFTWARE: PL FL_genes Version 2.0
; SEQ ID NO 262
; LENGTH: 1771
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (90)..(1397)
US-10-120-988-262

Query Match 6.1%; Score 54.4; DB 15; Length 1771;
Best Local Similarity 54.5%; Pred. No. 0.00041;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGGCGCATTCACAAGAGTCTGTGTGAGATGTTCTGCCAAG 572
381 GAGCGGCTCAAGCCCTGAGAGCAAGCCCAAGAGGCTGTGTGTTGCCAAG 440
QY 573 TGTTAAGATGATCATATATACCCATGATGCTGCGCCACAGGATCTGTTGG 632
441 TGTGGCGAGATGCTCTTACCCAGATGATGCTCATCTTACACTGGGTACGTGG 500
QY 633 TCGTCGATGAGAGGAGGGTAAAGGTACAGGTTCCGATGTCAGATTAAAGCCGCCA 692

Db 501 TGTGTACCCCGATGGGAGCCCATCATGTGGCTTCTGTGTGCAATATAAATCTCTGTA 560
QY 693 TGTAAAGAAAAACACAGTGA 712
Db 561 TGTTCAGGTTTCAGTCAACCGA 580

RESULT 5

US-10-458-143-3
Sequence 3, Application US/10458143
Publication No. US2004000950A1
GENERAL INFORMATION:

APPLICANT: Garcia, Pablo D.
TITLE OF INVENTION: SECRETED HUMAN PROTEINS
FILE REFERENCE: 1571.003/200130.510
CURRENT APPLICATION NUMBER: US/10/458.143
PRIOR FILING DATE: 2003-06-09
PRIOR APPLICATION NUMBER: PRIOR APPLICATION: US/09/546.309
NUMBER OF SEQ ID NOS: 30
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 1941
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: CDS
LOCATION: (262)...(1566)
US-10-458-143-3

Query Match 6.1%; Score 54.4; DB 15; Length 1941;
Best Local Similarity 54.5%; Pred. No. 0.00044;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGCGCATTCATAACAGCTTTCGTGTGATGTTGCGCCAG 572
Db 553 GAGCGGCTCAAGCCCTGAGAGAGCCAGAACCTTCAGAACTGTGTTTCCAGAG 612
QY 573 TGTTAAGATGATCATATTAACCCAGTACAGTCTGCTGCTAGCACAGATACCTGG 632
Db 613 TGTGGCAGATGCTCCCTTACCAAGTCCAGTCCATTAACCTGGTACTGCTGG 672
QY 633 TGCCTGATGAAGAGGGGTAAAGTACCAAGTTCCTCATGTCCAGATTAAAGCCCCACA 692
Db 673 TGTGTACCCCGATGGGAGCCCATCATGTGGCTTCTGTGTGCAATATAAATCTCTGTA 732
QY 693 TGTAAAGAAAAACACAGTGA 712
Db 733 TGTTCAGGTTTCAGTCAACCGA 752

RESULT 6

US-10-247-451-20
Sequence 20, Application US/10247451
Publication No. US20030118579A1
GENERAL INFORMATION:
APPLICANT: Walker, Michael G.
APPLICANT: Krasnow, Randi E.
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015-1 CIP
CURRENT APPLICATION NUMBER: US/10/247.451
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 09/642.703
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 09/349.015
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: 09/840.787
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 5,932,442
PRIOR FILING DATE: 1999-08-03

NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
SEQ ID NO 20
LENGTH: 3574
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20030118579A1 6899373
US-10-247-451-20

Query Match 6.1%; Score 54.4; DB 14; Length 3574;
Best Local Similarity 54.5%; Pred. No. 0.00062;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGCGCATTCATAACAGCTTTCGTGTGATGTTGCGCCAG 572
Db 449 GAGCGGCTCAAGCCCTGAGAGAGCCAGAACCTTCAGAACTGTGTTTCCAGAG 508
QY 573 TGTTAAGATGATCATATTAACCCAGTACAGTCTGCTGCTAGCACAGATACCTGG 632
Db 509 TGTGGCAGATGCTCCCTTACCAAGTCCAGTCCATTAACCTGGTACTGCTGG 568
QY 633 TGCCTGATGAAGAGGGGTAAAGTACCAAGTTCCTCATGTCCAGATTAAAGCCCCACA 692
Db 569 TGTGTACCCCGATGGGAGCCCATCATGTGGCTTCTGTGTGCAATATAAATCTCTGTA 628
QY 693 TGTAAAGAAAAACACAGTGA 712
Db 629 TGTTCAGGTTTCAGTCAACCGA 648

RESULT 7

US-10-247-451-20
Sequence 20, Application US/10247451
Publication No. US20040018188A9
GENERAL INFORMATION:
APPLICANT: Walker, Michael G.
APPLICANT: Krasnow, Randi E.
APPLICANT: Murry, Lynn E.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015-1 CIP
CURRENT APPLICATION NUMBER: US/10/247.451
PRIOR FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 09/642.703
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 09/349.015
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: 09/840.787
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 5,932,442
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
SEQ ID NO 20
LENGTH: 3574
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20040018188A9 6899373
US-10-247-451-20

Query Match 6.1%; Score 54.4; DB 15; Length 3574;
Best Local Similarity 54.5%; Pred. No. 0.00062;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGCGCATTCATAACAGCTTTCGTGTGATGTTGCGCCAG 572
Db 449 GAGCGGCTCAAGCCCTGAGAGAGCCAGAACCTTCAGAACTGTGTTTCCAGAG 508

QY 573 TGTAGAGATGATCATATAACCCAGTAAGTGTGGCTTAGACAGATACTGTGG 632
DB 509 TGTGGGAGATGATGCTCTTACCGAGTGAAGTGCATTAACAGGCTACTGTGG 568
QY 633 TGGGTGATGAGAGAGGGGTAAAGGTACAGAGTTCGATGATTTAAAGCCCA 692
DB 569 TGTGTACACCCGAGTGAAGCCCATGAGTGTCTTCTGTGCAATTAATCTCTGA 628
QY 693 TGGTAAAGAAAACAGAGTGA 712
DB 629 TGTTCAGGTTCACTACCGA 648

RESULT 8

US-10-342-103-11
; Sequence 11, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: 2003-01-13
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11
; LENGTH: 2589
; TYPE: DNA
; ORGANISM: Rana catesbeiana
US-10-342-103-11

Query Match 5.9%; Score 52.6; DB 14; Length 2589;
Best Local Similarity 64.2%; Pred. No. 0.0016;
Matches 79; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 145 TGATAGTACTTATGTACCAATGCAAGAAACGGGAGAGTTGAAAGAAAACAATGCT 204
DB 365 TGATGGTCATTTATTCACAAATGTGATGAAAAGGGCAATTACCAACCAAGAGTCC 424
QY 205 GGGATGATGATGTTACTGTGTGTGTGATGATGAAGTGAAGATTTCTAGAACCA 264
DB 425 ATGGACGACATGGGCACTGCTGTGTGTAAAGCAATGGGTGAAGAAATTTCTGGAACA 464
QY 265 AGA 267
DB 485 ATA 487

RESULT 9

US-10-342-103-15
; Sequence 15, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: US/10/342,103
; PRIOR FILING DATE: 2003-01-13
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 2678
; TYPE: DNA
; ORGANISM: Rana catesbeiana
US-10-342-103-15

Query Match 5.9%; Score 52.6; DB 14; Length 2678;
Best Local Similarity 64.2%; Pred. No. 0.0016;
Matches 79; Conservative 0; Mismatches 44; Indels 0; Gaps 0;

QY 145 TGATAGTACTTATGTACCAATGCAAGAAACGGGAGAGTTGAAAGAAAACAATGCT 204
DB 365 TGATGGTCATTTATTCACAAATGTGATGAAAAGGGCAATTACCAACCAAGAGTCC 447
QY 205 GGGATGATGATGTTACTGTGTGTGTGATGATGAAGTGAAGATTTCTAGAACCA 264
DB 448 ATGGACGACATGGGCACTGCTGTGTGTGTTAAGCAATGGGTGAAGAAATTTCTGGAACA 507
QY 265 AGA 267
DB 508 ATA 510

RESULT 10

US-10-247-451-22
; Sequence 22, Application US/10247451
; Publication No. US20030118579A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Krasnok, Randi E.
; APPLICANT: Murry, Lynn E.
; TITLE OF INVENTION: SPARC-RELATED PROTEINS
; FILE REFERENCE: PC-0015-1 CIP
; CURRENT APPLICATION NUMBER: US/10/247,451
; PRIOR FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: 09/642,703
; PRIOR FILING DATE: 2000-03-03
; PRIOR APPLICATION NUMBER: 09/349,015
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: 09/840,787
; PRIOR FILING DATE: 2001-04-23
; PRIOR APPLICATION NUMBER: 6,132,973
; PRIOR FILING DATE: 2000-10-17
; PRIOR APPLICATION NUMBER: 5,932,442
; PRIOR FILING DATE: 1999-08-03
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PERL Program
; SEQ ID NO 22
; LENGTH: 462
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Incyte ID No. US20030118579A1 6898356H1
US-10-247-451-22

Query Match 5.9%; Score 52.4; DB 14; Length 462;
Best Local Similarity 63.5%; Pred. No. 0.00068;
Matches 80; Conservative 0; Mismatches 46; Indels 0; Gaps 0;

QY 513 GAGGAGCTCGAATCAAGGCGCATTCAAACAGTCTGTGTGAGATGTTGCTGCCAGAG 572
DB 161 GAGGCGCTCAAGCCCTTGAGCAAGCAAGAGCCTGAGAACTGTGTGCTCCAGAG 220
QY 573 TGTTAGAATGATCATATATACCAAGTACGTCGTGGCTTACGACAGAGATCTGTGG 632
DB 221 TGTGGCAGATGGCTCTTATCCAGTGCAGTGCATTAATTAATCTGAGTACTGCTGG 280
QY 633 TGGCTC 638
DB 281 TGTGTC 286

RESULT 11

US-10-247-451-22
; Sequence 22, Application US/10247451
; Publication No. US20040018188A9
; GENERAL INFORMATION:
; APPLICANT: Walker, Michael G.
; APPLICANT: Krasnok, Randi E.
; APPLICANT: Murry, Lynn E.
; TITLE OF INVENTION: SPARC-RELATED PROTEINS

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FILE REFERENCE: PC-0015-1 CIP
CURRENT APPLICATION NUMBER: US/10/247,451
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: 09/642,703
PRIOR FILING DATE: 2000-03-03
PRIOR APPLICATION NUMBER: 09/349,015
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: 09/840,787
PRIOR FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: 6,132,973
PRIOR FILING DATE: 2000-10-17
PRIOR APPLICATION NUMBER: 5,932,442
PRIOR FILING DATE: 1999-08-03
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
SEQ ID NO 22
LENGTH: 462
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Incyte ID No. US20040018188A9 6898356H1
US-10-247-451-22
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Query Match
Best Local Similarity 5.9%; Score 52.4; DB 15; Length 462;
Matches 80; Conservative 0; Mismatches 46; Indels 0; Gaps 0;

QY 513 GAGGAAGCTCGAATCAAGCGCATTCAAACAGCTTCGTGTGAGATTCGCGCAAG 572
Db 161 GAGCGGCTCAAGCCTCGAGAGAGCCCAAGAGAGCTGTGTGCTCCAGAG 220
QY 573 TCTTAGAAGTGAATGATCATATATACCCAGTACAGTGTGCGCTTACAGAGATCTGTGG 632
Db 221 TGTGGCGAGATGCTCTTACCCAGAGTCAAGTGCATTAATCACTGGGACTGCTGG 280
QY 633 TSCGTC 638
Db 281 TGTGTC 286
```

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RESULT 12
US-10-221-714A-277/c
Sequence 277, Application US/10221714A
Publication No. US20040048254A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
FILE REFERENCE: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013.1005
CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 540
SEQ ID NO 277
LENGTH: 16688
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
```

```
US-10-221-714A-277
Query Match
Best Local Similarity 5.6%; Score 49.8; DB 12; Length 16688;
Matches 114; Conservative 0; Mismatches 107; Indels 0; Gaps 0;

QY 668 CGAGTGTAGATTAAAGCCGCCACATGCTAGAGAAAACACAGTGAACAAAGGCTAGT 727
Db 3961 CGAAGAAAACCTAAACCGTAAACCTAAACCTAAACCTAAACCTAAACCTAAACCTAA 3902
QY 728 TCCAGATCGAATAATACAGAAAGATTAATTAATGTTAAATTTCTAATTGGGC 787
Db 3901 AATACTAAACCTAAACCTAAACCTAAACCTAAACCTAAACCTAAACCTAAACCTAA 3842
QY 788 TGTGATTAATTTTTCAGAGATTAATTAATCTGATGATGATGATGATGATGATGATGAT 847
Db 3841 ATTAAATAATTTTTCAGAGATTAATTAATCTGATGATGATGATGATGATGATGATGAT 3782
QY 848 CTGAAATTAACATCACTGCTATATGATGACAAAAAATTAATTAATTAATTAATTAAT 888
Db 3781 CTAAATAAATCGAATTCCTGATCACTAAATTAATTAATTAATTAATTAATTAATTAAT 3741
```

```
RESULT 13
US-10-221-714A-379/c
Sequence 379, Application US/10221714A
Publication No. US20040048254A1
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with
FILE REFERENCE: tumor suppressor genes and oncogenes
FILE REFERENCE: 5013.1005
CURRENT APPLICATION NUMBER: US/10/221,714A
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: PCT/EP01/02955
PRIOR FILING DATE: 2001-03-15
PRIOR APPLICATION NUMBER: DE 10013847.0
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 540
SEQ ID NO 379
LENGTH: 8420
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-221-714A-379
```

```
Query Match
Best Local Similarity 5.6%; Score 49.6; DB 12; Length 8420;
Matches 103; Conservative 0; Mismatches 89; Indels 0; Gaps 0;

QY 697 AAGAAAACAGCAGTGAACAAAGTGGCTAGTTCCAGATCGAATAATTAATCAACAGATTA 756
Db 7492 AAAAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 7433
QY 757 AATAAATGTTAAATTAATTTCTCAATTCGCGTGTGATATATTTTTCAGATTAATTA 816
Db 7432 AAAAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 7373
QY 817 TCTGATGATGATTAACAGAAAACATCTCACTAGATAATTAAGCTAGCGTAAATATGAC 876
Db 7372 AAAAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 7313
```

QY 877 AAAAAAAAAA 888
 |||||
 Db 7312 AAAAACTACAA 7301

RESULT 14

US-10-312-841-2/c
 ; Sequence 2, Application US/10312841
 ; Publication No. US20030186277A1
 ; GENERAL INFORMATION:

APPLICANT: Epigenomics AG

TITLE OF INVENTION: Diagnose von bedeutenenden genetischen Parametern innerhalb des MHC

FILE REFERENCE: E01/1208/MO

CURRENT APPLICATION NUMBER: US/10/312,841

CURRENT FILING DATE: 2002-12-30

NUMBER OF SEQ ID NOS: 2

SEQ ID NO 2

LENGTH: 3673778

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

NAME/KEY: unsure

LOCATION: (379615)

US-10-312-841-2

Query Match

Best Local Similarity 5.5%; Score 49; DB 14; Length 3673778;

Matches 103; Conservative 0; Mismatches 90; Indels 0; Gaps 0;

QY 696 TAAGAAAACACAGTGAAGAGTGGCTAGTTCCAGATCCAAATTAATCTAAGAAAGATT 755
 |||||
 Db 1328584 TACTCAAAATCCAAAAACACCTTTAAAAACCACTAATCAAAATTAACCACTA 1328525
 |||||
 QY 756 AATTAATGTTAAATTAATTCATTCGCTGATATATTTTCCAGTAATTTA 815
 |||||
 Db 1328524 TACAAAAAATAAACTTTCTTCTCTACATCTAAAAATTAATCCATTAAT 1328465
 |||||
 QY 816 ATCTGATGTAGTTAAACAGAAACATCTCACTAGAAATTAAGACTAGCGTAATGA 875
 |||||
 Db 1328464 AATATCCCTTAATCTAAATTAACAAATTTAACTTTAAAAAATACTCTAAAAA 1328405
 |||||
 QY 876 CAAAAAATAA 888
 |||||
 Db 1328404 AAAAAATAAAAA 1328392

RESULT 15

US-10-221-613-309/c

; Sequence 309, Application US/10221613

; Publication No. US20040029123A1

; GENERAL INFORMATION:

APPLICANT: OLEK, Alexander

APPLICANT: PHEPENROCK, Christian

TITLE OF INVENTION: Diagnosis of Diseases Associated with Cell Cycle

FILE REFERENCE: 5013.1004

CURRENT APPLICATION NUMBER: US/10/221,613

CURRENT FILING DATE: 2002-09-13

PRIOR APPLICATION NUMBER: PCT/EP01/02945

DE 10013847.00

DE 10019058.8

DE 10019173.8

DE 10032529.7

DE 10043826.1

PRIOR FILING DATE: 2001-03-15

2000-03-15

2000-04-06

2000-04-07

2000-06-30

2000-09-01

NUMBER OF SEQ ID NOS: 428

; SEQ ID NO 309
 ; LENGTH: 6030
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE: OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
 ; NAME/KEY: unsure
 ; LOCATION: (576)
 ; US-10-221-613-309

Query Match

Best Local Similarity 5.4%; Score 48; DB 12; Length 6030;

Matches 111; Conservative 0; Mismatches 105; Indels 0; Gaps 0;

QY 673 TCGATTTAAAGCGCCACATGCTAAGAAAAACACAGTGAAGAGTGGCTAGTTCCAG 732
 |||||
 Db 5607 TACATTTTCAAAACCAATCTTTTAAAAAATTAATCTAATTAATTAATTAATTA 5548
 |||||
 QY 733 ATCGAAATTAATCAACAGATTAATAAATGTTAAATTAATTTCTCAATTCGCTGTA 792
 |||||
 Db 5547 ACACATTAATAAATAATTTTCAATTAATTAATTAATTAATTAATTAATTAATTA 5488
 |||||
 QY 793 TATATTTTCCAGATTAATTAATCTGATGTAGTTAAGAAAAACATCTCACTAGA 852
 |||||
 Db 5487 AATATATTTTCAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 5428
 |||||
 QY 853 AATTAAGACTAGCTAATTAATGAACAAAAAATAA 888
 |||||
 Db 5427 AACAAACTATTTTATTAATCACTAATTAATTAATTAATTAATTAATTAATTAATTA 5392
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Search completed: March 23, 2004, 04:30:48

Job time : 465 secs

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Best Local Similarity 3.1%; Pred. No. 7.8e-07;
Matches 12; Conservative 227; Mismatches 152; Indels 0; Gaps 0;

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QY 391 TTGACGAGGTTGAGTGTGCGCAAGTATGAGAACTGATGCTGATTAAGAAAGAA 450
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Db 1450 TAGAAGAAATTTGACRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1391
QY 451 AAGACTTGAAGCAACAAGAGGAGGCAAGCTGCGAAGACCACTTAAGCAAT 510
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1390 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1331
QY 511 GCGAGAGAGCTGATCAAGCGCATTTAAACAGTCTTGCTGTGATGTTGCTGCC 570
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1330 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1271
QY 571 AGCTTTAAGATGATCATATAACCCAGTACAGTGTGCTGCTGACAGAGATCTGT 630
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Db 1270 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1211
QY 631 GGTGCTGATGAAGAGGAGGTAAGGTACAGGTTCCAGTGTGATTTAAAGCCCA 690
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1210 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1151
QY 691 CATCTTAAGAAACAGTGAACAAGTGTGCTGATTTCCAGATCGAAATTAACCAAA 750
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1150 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1091
QY 751 GGATTTAATAATGTTAAATTAATTTCTCAA 781
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 1090 RRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRRR 1060
```

RESULT 2

US-09-642-703-20
Sequence 20, Application US/09642703
Patent No. 6524799
GENERAL INFORMATION:
APPLICANT: Walker, Michael G.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015 CIP
CURRENT APPLICATION NUMBER: US/09/642,703
CURRENT FILING DATE: 2000-08-16
PRIORITY APPLICATION NUMBER: 09/349,015
PRIORITY FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
SEQ ID NO 20
LENGTH: 3574
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Incyte ID No. 6524799 6899373
US-09-642-703-20

Query Match 6.1%; Score 54.4; DB 4; Length 3574;
Best Local Similarity 54.5%; Pred. No. 3.3e-06;
Matches 109; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

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QY 513 GAGGAAGCTCGATCAAGCGGCTTCAACAGTCTTGTTGAGATGTTGCGGAGAG 572
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 449 GAGGGGGCTCAAGCCCTGGAGCAAGCAAGAGCTGAGAGCTGTGTTGTCAGAG 508
QY 573 TGTTTGAAGATGATCATATATACCAAGTACAGTGTGCTGAGCAAGATCTGTTG 632
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 509 TGTGGCGAGATGCTCTTACCCAGGTGCAAGTCCATCTTACCTGGGTACTGTGG 568
QY 633 TGGCTGATGAAGAGGAGGTTAAAGGTACCAAGTTCAGATTCAGATTTAAAGCCCA 692
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 569 TGTGTACCCCGGATGGAGCCCATCAAGTGTCTTCTGTGAGAAATTAACCTCTGTA 628
QY 693 TGCTAAGAAAAACACAGTGA 712
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Db 629 TGTTCAGGTTGAGTACCGCA 648

RESULT 3

US-09-642-703-22
Sequence 22, Application US/09642703
Patent No. 6524799
GENERAL INFORMATION:
APPLICANT: Walker, Michael G.
TITLE OF INVENTION: SPARC-RELATED PROTEINS
FILE REFERENCE: PC-0015 CIP
CURRENT APPLICATION NUMBER: US/09/642,703
CURRENT FILING DATE: 2000-08-16
PRIORITY APPLICATION NUMBER: 09/349,015
PRIORITY FILING DATE: 1999-07-07
NUMBER OF SEQ ID NOS: 41
SOFTWARE: PERL Program
SEQ ID NO 22
LENGTH: 462
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc.feature
OTHER INFORMATION: Incyte ID No. 6524799 689356H1
US-09-642-703-22

Query Match 5.9%; Score 52.4; DB 4; Length 462;
Best Local Similarity 63.5%; Pred. No. 4.4e-06;
Matches 80; Conservative 0; Mismatches 46; Indels 0; Gaps 0;

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QY 513 GAGGAAGCTCGATCAAGCGGCTTCAACAGTCTTGTTGAGATGTTGCGGAGAG 572
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 161 GAGCGGGCTCAAGCCCTGGAGCAAGCAAGAGCTGAGAGCTGTGTTGTCAGAG 220
QY 573 TGTTTGAAGATGATCATATATACCAAGTACAGTGTGCTGAGCAAGATCTGTTG 632
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 221 TGTGGCGAGATGCTCTTACCCAGGTGCAAGTCCATCTTACCTGGGTACTGTGG 280
QY 633 TGGCTG 638
    ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 281 TGTGTC 286
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RESULT 4

US-10-204-708-65/c
Sequence 65, Application US/10204708
Patent No. 6677731
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PIEPENBROCK, Christian
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204,708
CURRENT FILING DATE: 2003-05-06
PRIORITY APPLICATION NUMBER: PCT/EP01/03971
PRIORITY FILING DATE: 2001-04-06
PRIORITY APPLICATION NUMBER: DE 10019058.8
PRIORITY FILING DATE: 2000-04-06
PRIORITY APPLICATION NUMBER: DE 10019173.8
PRIORITY FILING DATE: 2000-04-07
PRIORITY APPLICATION NUMBER: DE 10032529.7
PRIORITY FILING DATE: 2000-06-30
PRIORITY APPLICATION NUMBER: DE 10043826.1
PRIORITY FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 65
LENGTH: 5360
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-204-708-65

Query Match
Best Local Similarity 5.1%; Score 45; DB 4; Length 5360;
Matches 99; Conservative 0; Mismatches 90; Indels 0; Gaps 0;

QY 700 AAAAAACGTAAGGAGGCTAGTTCCAGATCGAATAATACCAAGATTAATA 759
DB 1841 AAAAAATATTAAAAACAAATACGACACTACCAAAATATAACACTATACACACAC 1782
QY 760 AATGTTAAATATTCTCAATTCGGCTGATATATTTTCCAAATATTTAATCT 819
DB 1781 AAAAAATACCAAAATCTCTATACATTTAAAAATATTTCCAAATATATATTAAT 1722
QY 820 GCATGTATTACAGAAACAACTCACTAATAATAGACTACGTAATATATGCA 879
DB 1721 AAAAAACAAAAAATAATCTCATTTACTACTTTCTTATACAAAAA 1662
QY 880 AAAAAA 888
DB 1661 AAAAAA 1653

RESULT 5
US-09-621-976-18033/C
Sequence 18033, Application US/09621976
Patent No. 6639063
GENERAL INFORMATION:
APPLICANT: Dumas Mline Edwards, J.B.
APPLICANT: Jobert, S.
APPLICANT: Giordano, J.Y.
TITLE OF INVENTION: ESTs and Encoded Human Proteins.
FILE REFERENCE: GENSET.054PR2
CURRENT APPLICATION NUMBER: US/09/621.976
CURRENT FILING DATE: 2000-07-21
NUMBER OF SEQ ID NOS: 19335
SOFTWARE: Patent.ppt
SEQ ID NO 18033
LENGTH: 474
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc_feature
LOCATION: 16
OTHER INFORMATION: n=a, y, c or t
US-09-621-976-18033

Query Match
Best Local Similarity 17.6%; Pred. No. 0.012;
Matches 79; Conservative 162; Mismatches 208; Indels 1; Gaps 1;

QY 4 TGGCTTTAGCCAAACCAAGCTTTCCAAAGATTCGTGCGATTTGGGTAC 63
DB 451 KGSCTVMAAGRWYCYCMRMYTKGATCCCAAGTGTGGATTAACAGACACA 392
QY 64 TATTCATGCTGTCTCTTAATCTCACTGAAGTCTCAACAAATGCCACAGCTCC 123
DB 391 TTTTCACAGMAGTWTWAMCYTTTMMKMMYTTKRRMRGKWTCTTAKSKTYW 332
QY 124 AGGCTCGGCTACAGTGTCTGATAGTACTTATGACCAAGTCAAGAAAGAG 183
DB 331 YSMKKKGRAAATYRRGKTYRRAARMTWARRAATWTWYWKSGCMRSMWRMRK 272
QY 184 AGTTCAAGAAAAACAATGCTGGGATCGACTGTGA-CTGTTGCTGTGATGAAGT 242
DB 271 YMKCCYMMWRKYCMRKRBRGRKARSKSYKSGSTYYTKGKGSGTGGKAMSK 212
QY 243 GGAAGAAGATTCTAGCAACAGATCGTGAATCTCCGATTTGACCGGACGAAAGCC 302
DB 211 KGRRAATTTTYYKKKRSYMAARGTTKKMAAMMMCMAMVYRSMVYYKKMAAMK 152

QY 303 GCGTAACACTTTCAGATGATGACGACCATCATTTAATGCTGTTGGTGGC 362
DB 151 SCCMAKKGSSGGRYMKRGTCMRGRBRMYRRCMMYCTKSGMAMMSGKRRAM 92
QY 363 CCTCATCGTGTAAAGCTGACGAGCTTTTGACGAGTTCAGCTGCTGCGAATGA 422
DB 91 CCCSKYYTTCMBAAAAMWTTAAAAAMRSGSGMSKKGKSGMSGSCYKSMRYC 32
QY 423 GAATGCTACTGTGTGATTAAGAAAGAAA 452
DB 31 CRRSYMYTGRGRGRCRGRSGMGAGAA 2

RESULT 6
US-09-751-389-3
Sequence 3, Application US/09751389
Patent No. 6630334
GENERAL INFORMATION:
APPLICANT: GUEGLER, Karl et al
TITLE OF INVENTION: ISOLATED HUMAN KINASE PROTEINS, NUCLEIC
TITLE OF INVENTION: ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES
FILE REFERENCE: CLO01067
CURRENT APPLICATION NUMBER: US/09/751.389
CURRENT FILING DATE: 2001-01-02
NUMBER OF SEQ ID NOS: 8
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 786431
TYPE: DNA
ORGANISM: Human
FEATURE:
NAME/KEY: misc_feature
LOCATION: (1)...(786431)
OTHER INFORMATION: n = A,T,C or G
US-09-751-389-3

Query Match
Best Local Similarity 54.8%; Pred. No. 0.95;
Matches 103; Conservative 0; Mismatches 81; Indels 4; Gaps 1;

QY 673 TCAGATTAAAGCCGACATGCTAGAAACACAGTGAACAAAGTGGCTTCAG 732
DB 609446 TCATTTTAAAGACCTCACTAGTAAATAGACAAAATATGACGCTAATTTCTT 609505
QY 733 ATCGAAATA-----ACTACAAAGATTATTAATGTTAAATATTTCTCAATTCGGCT 788
DB 609506 AAAACAAATATATGATTAATGAAATATGAAATATATATTTTCACTAGTACCA 609565
QY 789 GTGATATATTTTTCAGATATATTAATCTGATGTAGTGAAGAAACATCTCAAC 848
DB 609566 GTGATATGTATTAATTAACCAAAATTAACGAGATTTGAAATATATAGACTGGGAC 609625
QY 849 TAGAATA 856
DB 609626 TCCAAAA 609633

RESULT 7
US-10-204-708-60/C
Sequence 60, Application US/10204708
Patent No. 6677731
GENERAL INFORMATION:
APPLICANT: OLEK, Alexander
APPLICANT: PLEBENROCK, Christian
APPLICANT: BERLIN, Kurt
TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication
TITLE OF INVENTION: by Assessing DNA Methylation
FILE REFERENCE: 5013.1012
CURRENT APPLICATION NUMBER: US/10/204.708
CURRENT FILING DATE: 2003-05-06
PRIOR APPLICATION NUMBER: PCT/EP01/03971
PRIOR FILING DATE: 2001-04-06

PRIOR APPLICATION NUMBER: DE 10019058.8
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: DE 10019173.8
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: DE 10032529.7
PRIOR FILING DATE: 2000-06-30
PRIOR APPLICATION NUMBER: DE 10043826.1
PRIOR FILING DATE: 2000-09-01
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 60
LENGTH: 6156
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)
US-10-204-708-60

Query Match 4.5%; Score 40.2; DB 4; Length 6156;
Best Local Similarity 49.8%; Fred. No. 0.084; Indels 0; Gaps 0;
Matches 102; Conservative 0; Mismatches 103

DB 681 AAGGCCCCGACATGCTAAGAAAAACACAGTGAACAAAGTGGCTAGTTTCAGATCGAAA 740
4966 ATCAATCTCAACACACACCTAATATATATCGAATTTACTAATTTCTTAA 4907
CY 741 TAACTACAAAGATTAATTAATGTTAAATTTCTCAATTCGGCTGTATATTT 800
DB 4906 TAACTAACCATAATTAATTTTATTTTATTTTCAACCAATTTCTTAATACCT 4947
CY 801 TTCCAGATTAATTTATCTGCATGCTAGTACGAAACATCTCAATGAAATTAAGA 860
DB 4846 CACGTAATAATTTAAAAACAACTTAAAAAATTCCTTAATTAATTTTAA 4787
CY 861 CTACGGTATATGACAAAAA 885
DB 4786 TTACTTTTAACTATTAATAAAAAA 4762

RESULT 8

US-10-204-708-10/c

Sequence 10, Application US/10204708

Patent No. 6677731

GENERAL INFORMATION:

APPLICANT: OLEK, Alexander

APPLICANT: PLEPENBROCK, Christian

APPLICANT: BERLIN, Kurt

TITLE OF INVENTION: Diagnosis of Diseases Associated with DNA Replication

TITLE OF INVENTION: by Assessing DNA Methylation

FILE REFERENCE: 5013.1012

CURRENT APPLICATION NUMBER: US/10/204,708

CURRENT FILING DATE: 2003-05-06

PRIOR APPLICATION NUMBER: PCT/EP01/03971

PRIOR FILING DATE: 2001-04-06

PRIOR APPLICATION NUMBER: DE 10019058.8

PRIOR FILING DATE: 2000-04-06

PRIOR APPLICATION NUMBER: DE 10019173.8

PRIOR FILING DATE: 2000-04-07

PRIOR APPLICATION NUMBER: DE 10032529.7

PRIOR FILING DATE: 2000-06-30

PRIOR APPLICATION NUMBER: DE 10043826.1

PRIOR FILING DATE: 2000-09-01

NUMBER OF SEQ ID NOS: 98

SEQ ID NO 10

LENGTH: 6070

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: chemically treated genomic DNA (Homo sapiens)

US-10-204-708-10

Query Match 4.5%; Score 40; DB 4; Length 6070;
Best Local Similarity 53.9%; Fred. No. 0.095;
Matches 82; Conservative 0; Mismatches 70; Indels 0; Gaps 0;

DB 737 AAAAACTCAAGATTAATTAATTAATTAATTTCTCAATTCGGCTGTATATA 796
DB 1849 AATTTCAACAAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1790
CY 797 TTTTTCAGATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 856
DB 1789 TTTTATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 1730
CY 857 AAGACTACGATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTA 888
DB 1729 AAAAAAAAAAAAAAAAAAAAAAAAAAAAAA 1698

RESULT 9

US-08-617-860B-32/c

Sequence 32, Application US/086178608

Patent No. 6133506

GENERAL INFORMATION:

APPLICANT: Twifler, R., Bauror, J., Bothmann, H., Filsak, E.,

APPLICANT: Hviricko-Grandpierre, C., Klein, B., Martini, N.,

APPLICANT: M. Iler, A., Schulte, W., Voeltz, M., Malek, J.,

APPLICANT: Schell, J., Promoters

TITLE OF INVENTION: Promoters

NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: Steinberg, Raikin & Davidson, P.C.

STREET: 1140 Avenue of the Americas

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10036

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 Mb storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: Patentin Release #1.0, Version #1.25 (BPO)

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/617,860B

FILING DATE: 01-MAR-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/EP94/02350

FILING DATE: 05-SEP-1994

APPLICATION NUMBER: DE P4329951.2

FILING DATE: 04-SEP-1993

INFORMATION FOR SEQ ID NO: 32:

SEQUENCE CHARACTERISTICS:

LENGTH: 1850 Base pairs

TYPE: Nucleic acid

STRADEDNESS: Double stranded

MOLECULE TYPE: DNA (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Cuphea lanceolata

IMMEDIATE SOURCE:

LIBRARY: genomic Lambda FIX II

CLONE: CITEg1

FEATURE:

NAME/KEY: CAAT-Signal

LOCATION: 1428..1432

FEATURE:

NAME/KEY: TATA-Signal

LOCATION: 1553..1556

FEATURE:

NAME/KEY: Transcription start

LOCATION: 1585

FEATURE:

NAME/KEY: Legumainbox

LOCATION: 1642..1657

FEATURE:

NAME/KEY: Startcodon

LOCATION: 1797..1799
FEATURE:
NAME/KEY: CDS
LOCATION: 1797..1850
US-08-617-860B-32

Query Match
Best Local Similarity 58.3%; Pred. No. 0.059;
Matches 88; Conservative 0; Mismatches 62; Indels 1; Gaps 1;

QY 737 AAATACTACCAAGATTAAATGTTAAATATTTCTCAATCGGCTGTGATATA 796
Db 312 AAACATATTTAAATATTTAAATTTTAAA-ACATAATTTTAAATTTTAAAAATA 254
QY 797 TTTTTCGAAGTAAATTTATCTGCATGTGATACAGAAAAACAATCTCACTAGAAATA 856
Db 253 TTTTTCGAAGTAAATTTATCTGCATGTGATACAGAAAAACAATCTCACTAGAAATA 194
QY 857 AAGACTACGGTAAATATGACAAAAA 887
Db 193 AATATTTCATATATTCATTAATATTTACAAA 163

RESULT 10
US-08-605-106-4/c

Sequence 4, Application US/08605106
Patent No. 5910631

GENERAL INFORMATION:

APPLICANT: Topfer, R.

APPLICANT: Martin, N.

APPLICANT: Schell, J.

TITLE OF INVENTION: MEDIUM CHAIN-SPECIFIC THIOESTERS

NUMBER OF SEQUENCES: 14

CORRESPONDENCE ADDRESS:

ADDRESS: Schwegman, Lundberg, Woessner & Kluth, P.A.

STREET: P.O. Box 2938

CITY: Minneapolis

STATE: MN

COUNTRY: USA

ZIP: 55402

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette

COMPUTER: IBM Compatible

OPERATING SYSTEM: DOS

SOFTWARE: FastSeq Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/605,106

FILING DATE: 23-SEPT-1996

CLASSIFICATION: 800

PRIOR APPLICATION NUMBER: PCT/EP94/02935

FILING DATE: 01-MAR-1996

ATTORNEY/AGENT INFORMATION:

NAME: Woessner, Warren D

REGISTRATION NUMBER: 30,440

REFERENCE/DOCKET NUMBER: 235,001US1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 612-373-6900

TELEFAX: 612-373-3061

TELEX:

INFORMATION FOR SEQ ID NO: 4:

SEQUENCE CHARACTERISTICS:

LENGTH: 4098 Base pairs

TYPE: nucleic acid

STRANDEDNESS: double stranded

TOPOLOGY: linear

MOLECULE TYPE: : DNS (genomic)

HYPOTHETICAL: NO

ANTI-SENSE: NO

ORIGINAL SOURCE:

ORGANISM: Cuphea lanceolata

IMMEDIATE SOURCE:

LIBRARY: genomic Lambda FIX II

CLONE: C17Eg1

FEATURE:

NAME/KEY: CDS

LOCATION: join(1797..2294, 2658..2791, 2898..3011, 3132

LOCATION: ..3303, 3391..3459, 3672..3941)

FEATURE:

NAME/KEY: Startcodon

LOCATION: 1797..1799

FEATURE:

NAME/KEY: exon II

LOCATION: 1787..2294

FEATURE:

NAME/KEY: intron II

LOCATION: 2295..2657

FEATURE:

NAME/KEY: exon III

LOCATION: 2658..2791

FEATURE:

NAME/KEY: intron III

LOCATION: 2792..2897

FEATURE:

NAME/KEY: exon IV

LOCATION: 2898..3011

FEATURE:

NAME/KEY: intron IV

LOCATION: 3012..3131

FEATURE:

NAME/KEY: exon V

LOCATION: 3132..3303

FEATURE:

NAME/KEY: intron V

LOCATION: 3304..3390

FEATURE:

NAME/KEY: exon VI

LOCATION: 3391..3459

FEATURE:

NAME/KEY: intron VI

LOCATION: 3460..3671

FEATURE:

NAME/KEY: exon VII

LOCATION: 3672..3941

FEATURE:

NAME/KEY: Stopcodon

LOCATION: 3942..3944

US-08-605-106-4

Query Match

Best Local Similarity 58.3%; Pred. No. 0.089; DB 2; Length 4098;
Matches 88; Conservative 0; Mismatches 62; Indels 1; Gaps 1;

QY 737 AAATACTACCAAGATTAAATGTTAAATATTTCTCAATCGGCTGTGATATA 796
Db 312 AAACATATTTAAATATTTAAATTTTAAA-ACATAATTTTAAATTTTAAAAATA 254
QY 797 TTTTTCGAAGTAAATTTATCTGCATGTGATACAGAAAAACAATCTCACTAGAAATA 856
Db 253 TTTTTCGAAGTAAATTTATCTGCATGTGATACAGAAAAACAATCTCACTAGAAATA 194
QY 857 AAGACTACGGTAAATATGACAAAAA 887
Db 193 AATATTTCATATATTCATTAATATTTACAAA 163

RESULT 11

US-09-790-988-1/c

Sequence 1, Application US/09790988

Patent No. 6632935

GENERAL INFORMATION:

APPLICANT: SHIGENOBU, SHUJI

APPLICANT: WATANABE, HIDEMI

APPLICANT: HATTORI, MASAHIRA

APPLICANT: SAKAKI, YOSHIYUKI

TITLE OF INVENTION: GENOME DNA OF BACTERIAL SYMBIONT OF APHIDS

Df

QY 735 CGAAATTAAGTCAACAGATTAAATAAATGTTAAAATTTCTCAATTGGGTGTGAGA 794
||| ||| ||| ||| ||| ||| |||
1241 CCACTATACATATAAAAAATATAAAAAAACATCAAAAAACTATTTAACTAC 1182

QY	882	AAAAAA	887
Db	2998	AAAAAA	2993

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; FILE REFERENCE: P2031P1
; CURRENT APPLICATION NUMBER: US/09/489,847
; CURRENT FILING DATE: 2000-01-24
;

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Query Match	4.3%	Score 38.4;	DB 4;	Length 11015;
Best Local Similarity	49.0%	Pred. No. 0.4;		
Matches 102; Conservative	0;	Mismatches 106;	Indels 0;	Gaps 0;

Search completed: March 23, 2004, 02:48:29
Job time : 116 secs

(Blank Sheet)